

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L8	1	"20020114270".pn.	US-PGPUB; USPAT	OR	ON	2007/08/21 14:22
L10	1	"20030219079".pn.	US-PGPUB; USPAT	OR	ON	2007/08/21 14:37
L11	1	"20030001669".pn.	US-PGPUB; USPAT	OR	ON	2007/08/21 14:38
S1	1	"20050185736".pn.	US-PGPUB; USPAT	OR	ON	2006/12/18 10:20
S2	1	"6144694".pn.	US-PGPUB; USPAT	OR	ON	2006/12/15 08:33
S3	27	Pajukoski.in.	US-PGPUB; USPAT	OR	ON	2006/12/15 08:33
S4	21	S3 and (limit\$3)	US-PGPUB; USPAT	OR	ON	2006/12/15 08:52
S5	7815	nokia.as.	US-PGPUB; USPAT	OR	ON	2006/12/15 08:52
S6	1919	(limit\$3 and pulse\$3 and shap\$3). clm.	US-PGPUB; USPAT	OR	ON	2006/12/15 08:52
S7	5	S5 and S6	US-PGPUB; USPAT	OR	ON	2006/12/15 08:52
S8	0	0993136A1	US-PGPUB; USPAT; EPO	OR	ON	2006/12/15 09:27
S9	1	"0993136"	US-PGPUB; USPAT; EPO	OR	ON	2006/12/15 09:27
S10	0	EP0993136	US-PGPUB; USPAT; EPO	OR	ON	2006/12/15 09:28
S11	6	"993136"	US-PGPUB; USPAT; EPO	OR	ON	2006/12/15 09:28
S12	3	"1091516"	US-PGPUB; USPAT; EPO	OR	ON	2006/12/15 09:28
S13	4	"1085670"	US-PGPUB; USPAT; EPO	OR	ON	2006/12/15 10:06
S14	11	"940925"	US-PGPUB; USPAT; EPO	OR	ON	2006/12/15 10:06
S15	937	375/296.ccls.	US-PGPUB; USPAT	OR	ON	2006/12/15 10:18

## EAST Search History

S16	104	S15 and (limit\$3 near signal)	US-PGPUB; USPAT	OR	ON	2006/12/15 10:19
S17	65	S16 and error.	US-PGPUB; USPAT	OR	ON	2006/12/15 10:19
S18	575	375/146.ccls.	US-PGPUB; USPAT	OR	ON	2006/12/15 11:04
S19	50	S18 and (limit\$3 adj2 signal)	US-PGPUB; USPAT	OR	ON	2006/12/15 11:04
S20	32	S19 and error	US-PGPUB; USPAT	OR	ON	2006/12/15 11:35
S21	308	375/258.ccls.	US-PGPUB; USPAT	OR	ON	2006/12/15 11:35
S22	14	S21 and (limit\$3 adj2 signal)	US-PGPUB; USPAT	OR	ON	2006/12/15 11:36
S23	1	"6418173".pn.	US-PGPUB; USPAT	OR	ON	2006/12/18 08:03
S24	1	"6418173".pn.	US-PGPUB; USPAT	OR	ON	2006/12/18 08:03
S25	2807	matsuoka.in.	US-PGPUB; USPAT	OR	ON	2006/12/18 10:20
S26	0	S25 and amplitude and transmission	US-PGPUB; USPAT	OR	ON	2006/12/18 10:21
S27	123	S25 and amplitude and transmission	US-PGPUB; USPAT	OR	ON	2006/12/18 12:52
S28	1	"20030007490".pn.	US-PGPUB; USPAT	OR	ON	2006/12/18 12:52
S29	6	("4236042"   "5201070"   "5533048"   "5603105"   "5699383"   "6032028").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/19 08:37
S30	3	("5742595"   "5751705"   "5838733").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/19 16:51
S31	1	"5722767".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/19 16:51
S32	8	("4599682"   "4600977"   "4742432"   "4860177"   "5066889"   "5278734"   "5400228"   "5400229").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/20 07:18
S33	1	"7111961".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/12/20 07:18

## EAST Search History

S34	13	(US-20050232373-\$ or US-20030067995-\$ or US-20040097202-\$).did. or (US-6144694-\$ or US-6711217-\$ or US-6373901-\$ or US-6246286-\$ or US-6418173-\$ or US-5751705-\$). did. or (EP-993136-\$ or EP-1091516-\$ or EP-1085670-\$ or EP-940925-\$).did.	US-PGPUB; USPAT; EPO	OR	ON	2006/12/20 08:18
S35	7	S34 and error	US-PGPUB; USPAT; EPO	OR	ON	2006/12/20 09:27
S36	564	error near vector near magnitude	US-PGPUB; USPAT; EPO	OR	ON	2006/12/20 09:28
S37	233	S36 and threshold	US-PGPUB; USPAT; EPO	OR	ON	2006/12/20 09:30
S38	1	"5727026".pn.	US-PGPUB; USPAT; EPO	OR	ON	2006/12/20 09:29
S39	564	S36 samethreshold	US-PGPUB; USPAT; EPO	OR	ON	2006/12/20 09:30
S40	47	S36 same threshold	US-PGPUB; USPAT; EPO	OR	ON	2006/12/20 09:46
S41	17	peak near code near domain near error	US-PGPUB; USPAT; EPO	OR	ON	2006/12/20 09:46
S42	5	S41 same threshold	US-PGPUB; USPAT; EPO	OR	ON	2006/12/20 10:18
S43	63	peak near mean near ratio	US-PGPUB; USPAT; EPO	OR	ON	2006/12/20 10:21
S44	3	S43 same threshold	US-PGPUB; USPAT; EPO	OR	ON	2006/12/20 10:19
S45	84	peak\$4mean near ratio	US-PGPUB; USPAT; EPO	OR	ON	2006/12/20 10:21
S46	33	S45 and threshold	US-PGPUB; USPAT; EPO	OR	ON	2006/12/20 10:23
S47	5	S45 same threshold	US-PGPUB; USPAT; EPO	OR	ON	2006/12/20 10:31

## EAST Search History

S48	1	"6125103".pn.	US-PGPUB; USPAT; EPO	OR	ON	2006/12/20 14:48
S49	0	"[x1x2xp][c1,1c2,1cn, 1c1,2c2,2cn,2c1,pc2,p cn,p]-[y1y2yn]"	US-PGPUB; USPAT; EPO	OR	ON	2006/12/20 14:48
S50	47	orthogonaliz\$5 near codes	US-PGPUB; USPAT	OR	ON	2006/12/20 15:24
S51	3	orthogonaliz\$5 same codes same (unused or extra or utilized)	US-PGPUB; USPAT	OR	ON	2006/12/20 15:17
S52	55	lower near modulation near level	US-PGPUB; USPAT	OR	ON	2006/12/20 15:18
S53	1	S52 same orthogonal\$7	US-PGPUB; USPAT	OR	ON	2006/12/21 07:38
S54	7	S52 and orthogonal\$7	US-PGPUB; USPAT	OR	ON	2006/12/20 15:18
S55	1	orthogonaliz\$5 near error near signal	US-PGPUB; USPAT	OR	ON	2006/12/20 15:24
S56	24	orthogonaliz\$5 same (error adj signal)	US-PGPUB; USPAT	OR	ON	2006/12/20 15:24
S57	17	(US-20050232373-\$ or US-20030067995-\$ or US-20040097202-\$ or US-20060146924-\$ or US-20030219079-\$).did. or (US-6144694-\$ or US-6711217-\$ or US-6373901-\$ or US-6246286-\$ or US-6418173-\$ or US-5751705-\$ or US-5727026-\$ or US-6125103-\$). did. or (EP-993136-\$ or EP-1091516-\$ or EP-1085670-\$ or EP-940925-\$).did.	US-PGPUB; USPAT; EPO	OR	ON	2006/12/20 16:24
S58	11	S57 and second	US-PGPUB; USPAT; EPO	OR	ON	2006/12/20 16:25
S59	1	"6038261".pn.	US-PGPUB; USPAT; EPO	OR	ON	2006/12/20 16:48
S60	281	error near signal near (split or divid\$3)	US-PGPUB; USPAT; EPO	OR	ON	2006/12/20 16:51
S61	29	S60 same (equal or equivalent)	US-PGPUB; USPAT; EPO	OR	ON	2006/12/20 16:51
S62	10	orthogonal\$7 and ((cx-y) or (ax-b))	US-PGPUB; USPAT	OR	ON	2006/12/21 07:41

## EAST Search History

S63	256	orthogonal\$7 and (minimiz\$3 near equation\$1)	US-PGPUB; USPAT	OR	ON	2006/12/21 07:41
S64	9	orthogonal\$7 same (minimiz\$3 near equation\$1)	US-PGPUB; USPAT	OR	ON	2006/12/21 08:00
S65	1	"6804216".pn.	US-PGPUB; USPAT	OR	ON	2006/12/21 07:50
S66	2106	orthogonal\$7 same (spreading adj code\$1)	US-PGPUB; USPAT	OR	ON	2006/12/21 12:40
S67	235	S66 and unused	US-PGPUB; USPAT	OR	ON	2006/12/21 10:10
S68	1	"6778611".pn.	US-PGPUB; USPAT	OR	ON	2006/12/21 09:01
S69	62	currivan.in.	US-PGPUB; USPAT	OR	ON	2006/12/21 09:01
S70	15	S69 and orthogonal	US-PGPUB; USPAT	OR	ON	2006/12/21 09:01
S71	77	S67 and (low same modulat\$3)	US-PGPUB; USPAT	OR	ON	2006/12/21 10:10
S72	20	(US-20050232373-\$ or US-20030067995-\$ or US-20040097202-\$ or US-20060146924-\$ or US-20030219079-\$ or US-20050163196-\$ or US-20030185174-\$).did. or (US-6144694-\$ or US-6711217-\$ or US-6373901-\$ or US-6246286-\$ or US-6418173-\$ or US-5751705-\$ or US-5727026-\$ or US-6125103-\$ or US-7110434-\$).did. or (EP-993136-\$ or EP-1091516-\$ or EP-1085670-\$ or EP-940925-\$).did.	US-PGPUB; USPAT; EPO	OR	ON	2006/12/21 10:20
S73	2	S72 and (error same divide\$1)	US-PGPUB; USPAT; EPO	OR	ON	2006/12/21 10:21
S74	281	error near signal near (split or divid\$3)	US-PGPUB; USPAT; EPO	OR	ON	2006/12/21 10:56
S75	6	S74 same carrier\$1	US-PGPUB; USPAT; EPO	OR	ON	2006/12/21 10:24
S76	26	S74 same equal	US-PGPUB; USPAT; EPO	OR	ON	2006/12/21 10:56
S77	28	S74 same equal\$2	US-PGPUB; USPAT; EPO	OR	ON	2006/12/21 10:57

## EAST Search History

S78	27050	orthogonal\$7 same (minimiz\$3 or reduc\$3 or simplify\$3)	US-PGPUB; USPAT	OR	ON	2006/12/21 12:40
S79	793	S78 same (equation or formula)	US-PGPUB; USPAT	OR	ON	2006/12/21 12:41
S80	230	S79 same (matrix or vector)	US-PGPUB; USPAT	OR	ON	2006/12/21 12:46
S81	307	"cx-y" or "cx=y"	US-PGPUB; USPAT	OR	ON	2006/12/21 12:47
S82	6	S81 same orthogonal\$7	US-PGPUB; USPAT	OR	ON	2006/12/21 12:48
S83	579	"ax-y" or "ax=y"	US-PGPUB; USPAT	OR	ON	2006/12/21 12:47
S84	10	S83 same orthogonal\$7	US-PGPUB; USPAT	OR	ON	2006/12/21 13:02
S85	525317	low\$3level modulat\$3	US-PGPUB; USPAT	OR	ON	2006/12/21 13:02
S86	91	low\$3level near modulat\$3	US-PGPUB; USPAT	OR	ON	2006/12/21 13:25
S87	15	low\$3level near modulat\$3 and orthogonal\$7	US-PGPUB; USPAT	OR	ON	2006/12/21 13:14
S88	8	S86 same interference	US-PGPUB; USPAT	OR	ON	2006/12/21 13:25
S89	1	"20030001669".pn.	US-PGPUB; USPAT	OR	ON	2006/12/21 13:30
S90	167	low\$2 adj2 modulat\$3 adj2 level	US-PGPUB; USPAT	OR	ON	2006/12/21 13:50
S91	18	S90 and orthogonal\$7	US-PGPUB; USPAT	OR	ON	2006/12/21 13:50
S92	175	(combin\$5 with carriers) and (limit\$3 adj signal) and (pulse with filter)	US-PGPUB; USPAT	OR	ON	2007/08/20 14:24
S93	22	S92 and (375/296.ccls. or 375/146.ccls.)	US-PGPUB; USPAT	OR	ON	2007/08/20 14:25
S94	175	(combin\$5 with carriers) and (limit\$3 adj signal) and (pulse with filter)	US-PGPUB; USPAT	OR	ON	2007/08/21 07:34
S95	22	S94 and (375/296.ccls. or 375/146.ccls.)	US-PGPUB; USPAT	OR	ON	2007/08/21 10:27
S96	31	(divid\$3 with (error or distort\$3 or offset)) same ((different or multiple or several) adj carriers)	US-PGPUB; USPAT	OR	ON	2007/08/21 10:22
S97	37	(pulse\$1shaping adj filter) and (375/296.ccls. or 375/146.ccls.)	US-PGPUB; USPAT	OR	ON	2007/08/21 14:21